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Alumni Web Portal for Colleges

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Abstract: An alumni web portal is an online platform designed to serve the needs of alumni, students, teachers, and other members of a university community. The portal provides a variety of resources and opportunities to support professional development, build networks, and stay informed and engaged. Key components of an alumni web portal typically includes a profile registration module, which provides a foundation for individual users to interact with the alumni community and access the resources and features of the portal, and a feedback module, which provides a mechanism for users to provide feedback and suggestions about the portal and its features. The alumni web portal can play a significant role in fostering a strong and engaged alumni community, and in supporting the success of all members of the university community. By providing a platform for connection, communication, and professional development, the alumni web portal can help alumni to stay connected with their alma mater and to build and maintain valuable professional networks.

Keywords: Database, login, online, web based.

I. INTRODUCTION

An alumni web portal is an online platform designed to serve the needs of alumni, students, teachers, and other members of a university community. It provides a centralized, online location where members of the university community can connect, communicate, and access resources to support their professional development and engagement. The alumni web portal typically includes features such as a profile registration module, which allows users to create a personal profile and connect with other members of the alumni community, as well as resources and tools to support professional development and career advancement.

Whether you are an alumnus looking to stay connected with your alma mater, a student transitioning from student life to alumni life, or a teacher looking to support the professional development of your students, the alumni web portal provides a valuable resource to help you achieve your goals. So, if you're looking for a way to stay connected, to build and maintain valuable professional networks, or to access resources to support your professional growth and success, the alumni web portal is the perfect platform for you.

The main use of this portal is: -

- 1) Connecting and Networking with different alumni.
- 2) Follow current jobs and events.
- 3) View internship opportunities provided by the Alumni.
- 4) View latest job notifications provided by alumni, admin or automatic alert API's.

II. LITERATURE REVIEW

A. ALUMNI HUB

Author- Mahima Singh Sengar, Maitri Gharewal,

Niharika Patidar, Prof. Praveen Bhanodia, Prof. Ketki Tiwari presents "Internet+" has been deeply integrated into various industries, which also inspires them to innovate managerial work of graduates. The aim of the project is to build interaction between graduates and the institution. Alumni can contact students about job opportunities and students can share institutional alumni activities. A system that helps manage alumni data and provides easy access to the system. The system automatically lists all information about graduates and their status is transferred from the student module to the graduate module. The system focuses on building a platform to create a network of graduates, business graduates' data.

B. College Alumni Portal

Author- Shaikh Asiya, Shaikh Tuba, Siddiqui Maryam, Momin Alimuddin, Prof. P.S Lokhande presents

A. Harvard Alumni Portal: The front page of this portal displays features such as a login tab that a graduate can easily apply, ways to connect junior and failed students, make a gift for different occasions like birthdays or anything else. WITH that Harvard provides features News for the neighborhood information, lecture details describing the schedule, events and notifications are displayed on the homepage itself with current events.

It also gives a chance to the donation initiative, a scenario where the graduate feels that they can help the college in terms of the donation so it will be possible with this. In addition to all this, we observed a unique feature that provides club video on homepage and this thing makes the whole portal a lot more attractive.

C. IIT Kanpur

IIT has a gallery with many images, lecture details specific day and time; contacts that show who everyone is associated with this portal, conference of female graduates as separate for female only on home page.

And Features are galleries on the home page; visit for the allotment guide is given so that a junior student can get solutions or advice for their problems. And notice with the form highlighted is shown for better visualization. It also gives a chance to the donation initiative. IIT KANPUR displays presence information events on each page where current events are highlighted, there is also a separate women's alumni conference and that is unique properties.

D. Alumni Princeton University

This portal has various things on its front page like calendar for current and upcoming opportunities. This portal provides features which are same as IIT

KANPUR like home page gallery visit for the allotment guide is given so that a junior student can get solutions or advice for their problems. But another thing is that this portal provides scholarship conditions of the donation initiative for the college request purpose.

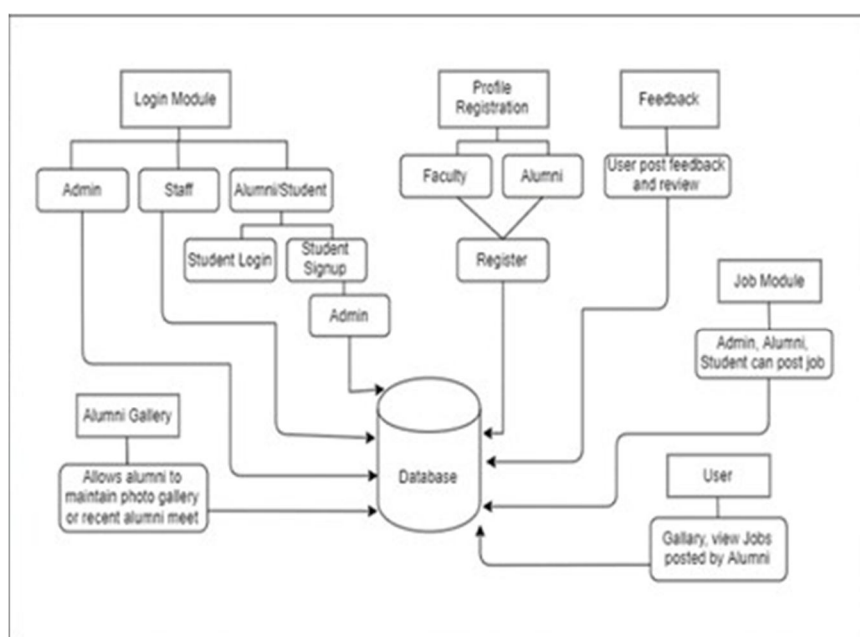
Providing a unique feature such as alumni categorized based on network community regions so that students who belong to the same area get listed together. (2)

E. Student-Alumni Job Portal

Author- Mahalakshmi K, Sujilatha T presents

This portal can process the data of graduates who are looking for suitable candidates for vacancies in their current organization or openings in any of their known organizations. This portal will be most useful for students who are continuing their final year of study and students who have completed their course. The classic functionality of this. The application focuses on helping students with their work. However, the means for data acquisition and analysis, for data extraction, transformation and loading, and for data dictionary management are implemented at work functions.

III. PROPOSED METHODOLOGY



Modules: Student Alumni Web Portal has five modules.

A. Login Module

1) Admin

Admin has functions in which He/She can control the portal. The admin can respond to the user queries and send the response by checking the mail.

- a) Post Jobs: Admin can also post jobs in the portal and also, they can delete old job posts.
- b) Send notifications to students/Alumni related to Jobs, or any other important notices.
- c) Edit /Delete /Add Alumni and Students: Admin can make changes to the alumni profile and Student profile they can also add, delete students and alumni.
- d) Admin can make changes to the databases.
- e) Accept or Not: Admin have authority to accept the registration or not of Students and Alumni.
- f) Admin can add Events like seminars, pre-placement talk. They can also update the gallery.

2) Student

There are some main functionalities where students can contact the admin for any help. The below are the basic functionalities that can be performed by the student.

- a) Contact Admin and Alumni: If the students have any queries, they can contact the admin and alumni.
- b) Modify Profile: Students can make changes to his profile like changing name, skill.
- c) View Jobs: Students can view the jobs that are posted by the admin and alumni.
- d) Register Portal: Students can register to the portal by giving the details.
- e) Students can view Gallery and Events.

3) Alumni

Alumni has some special functionalities in which students contact Admin through the Alumni.

- a) Register: Alumni can register to the portal by giving the details.
- b) Post job: Alumni can post the jobs that are known for him.
- c) Contact admin: If the alumni have any queries, they can contact the admin.
- d) View Jobs: alumni can also view the jobs that are posted by him and others.
- e) Apply Jobs: Students can apply jobs which are matching to their profiles.
- f) Alumni can view Gallery and Events.

B. Profile Registration

Faculty and Alumni both can create their profile which can be visible for everyone. Without taking any permission from the admin they can change or update their profile directly.

C. Feedback Module

Users can post feedback and review and also, they can comment on any post related to Jobs, Gallery, events.

D. Job Module

This is the main module of this project. Users can post jobs that are very helpful for freshers, and also for alumni.

E. Gallery Module

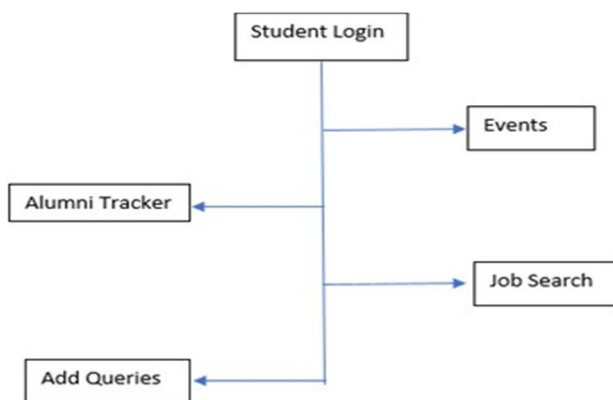
- a) Alumni Gallery: Alumni can maintain a gallery of their recent meet or any achievements.
- b) User Gallery: Users can maintain a gallery of college events.

IV. ADVANTAGES

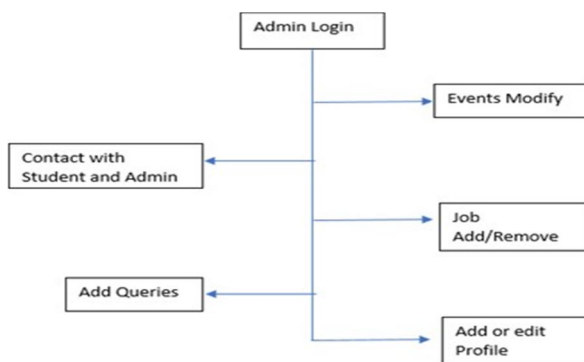
- 1) A group of students can become a community of participants who begin to grow in their understanding of course material and individual contributions to the knowledge construction process.
- 2) Very flexible and more convenient system for users.
- 3) It is very helpful for pursuing students in job opportunities
- 4) To reduce manual work
- 5) To provide user-friendly interface
- 6) Quick data retrieval and large amounts of data storing.

V. RESULT

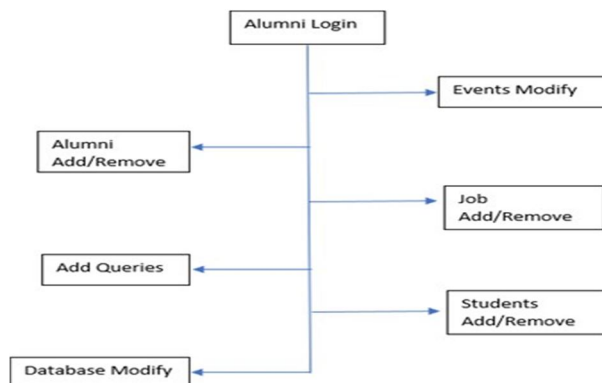
A. Student Login



B. Admin Login



C. Alumni Login



VI. CONCLUSION

In conclusion, an alumni web portal is a platform designed to serve the needs of alumni, students, teachers, and other members of a university community.

It provides a variety of resources and opportunities to support professional development, build networks, and stay informed and engaged. For alumni, the portal provides a means to stay connected with their alma mater and to connect with other alumni. For students, the portal can be a valuable tool in helping them transition from student life to alumni life, by providing resources and connections that can support their professional development. For teachers, the portal can provide opportunities for professional development and connection with alumni. Overall, an alumni web portal can play a significant role in fostering a strong and engaged alumni community, and in supporting the success of all members of the university community.

VII. ACKNOWLEDGEMENT

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REFERENCES

- [1] Mahima Singh Sengar, Maitri Gharewal, Niharika Patidar, Prof. Praveen Bhanodia, Prof. Ketki Tiwari, "ALUMNI HUB ", International Research Journal of Modernization in Engineering Technology and Science, pp. 01-01-2021.
- [2] Shaikh Asiya, Shaikh Tuba, Siddiqui Maryam, Momin Alimuddin, Prof. P.S Lokhande, "CollegeM Alumni Portal", AIKTC, University of Mumbai, India, pp. 09-2017
- [3] Mahalakshmi K, Sujilatha T. "Student-Alumni Job Portal", International Journal of Computer Science and Mobile Computing, pp. 07-07-2019.
- [4] N Rubens et al., "Alumni network analysis", IEEE Global Engineering Education Conference (EDUCON), pp. 606611, 2011. Smith, B. S. and Carter, C. (1969). A method of analysis for infilled frames, Proceedings of the Institution of Civil Engineers, Vol.7218, 31-48.
- [5] K Sivaprasad, "Making best use of alumni associations for holistic development of engineering institutes", IEEE International Conference on Engineering Education: Innovative Practices and Future Trends (AICERA), pp. 1-11, 2012.
- [6] J E Sharp, "Work in progress: alumni mentoring of engineers in a technical communication course", 34th Annual Frontiers in Education, pp. F2F-11, 2004.
- [7] Campus Portals: Supportive Mechanisms for University Communication, Collaboration, and
- [8] Organizational Change David L. Eisler, Provost Weber State University.
- [9] Security Mechanism in Alumni Portal Department of Information Technology, Xavier Institute of Engineering, Mahim (W), Mumbai, India Vikrant Pawar, Sagar Date, Suraj Iyer, Chhaya Narvekar.
- [10] Cecilia A. Mercado and Gerry Paul C. Genove Towards Overcoming Limitations of Community Web Portals: a Classmates' Example DERI- Digital Enterprise Research Institute, University of Innsbruck, Austria, and National University of Ireland at Galway, Ireland Anna V. Zhdanova.
- [11] J L Huff, W C Qakes and C B Zoltowski, "Work in progress: Understanding professional competency formation in a service-learning context from an alumni perspective", 2012 Frontiers in Education Conference Proceedings, pp. 1-3, 2012.
- [12] J E Sharp, "Work in Progress: Using Mock Telephone Interviews with Alumni to Teach Job Search Communication", Frontiers in Education. 36th Annual Conference, pp. 78, 2006.



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